

sanofi



Biopharmaceutical Industry Fellowship Program 2024-2026



Contents

About Sanofi	04
About MCPHS	05
Letter from the Directors	06
Letter from the Co-Chief Fellows	07
Focus Areas	08
Diversity and Inclusion	09
Application and Recruitment Process	29
Fellowship Testimonials	30

Our Programs



Commercial Fellowships

- Global/US Commercial Strategy & Marketing: Rare Diseases
- Global/US Commercial Strategy: Oncology

Scientific/Medical Communications Fellowships

- Global Scientific/Medical Communications: Rare Diseases
- Global Scientific/Medical Communications: Oncology
- Global Scientific/Medical Communications: Immunology
- Global Scientific/Medical Communications: Neurology
- Global Scientific/Medical Communications: Rare Blood Disorders

Medical Fellowships

- Global/US Medical: Oncology
- US Medical/Medical Director: Multiple Sclerosis & Neurology
- US Medical/Medical Science Liaison: Multiple Sclerosis & Neurology
- US Medical/Medical Science Liaison: Rare Diseases
- US Medical/Medical Science Liaison: Immunology
- US Medical: Rare Blood Disorders (NEW)
- US Medical: Value & Outcomes

Regulatory Affairs Fellowships

- Global Regulatory Affairs
- Global Regulatory Affairs: Chemistry, Manufacturing, Controls & Devices
- Global Regulatory Affairs: Clinical Documentation/Medical Writing (NOT RECRUITING FOR 2024)

Other Fellowships

- Patient Safety and Pharmacovigilance
- US Public Affairs & Patient Advocacy



About Sanofi

Sanofi is an innovative global healthcare company, driven by one purpose: we chase the miracles of science to improve people's lives. Sanofi's global specialty care business unit focuses on rare diseases, rare blood disorders, neurology, immunology, and oncology. Its approach is shaped by a long history of developing highly specialized treatments and forging close relationships with physician and patient communities.

Our cutting-edge science and manufacturing, fueled by data and digital technologies, have the potential to transform the practice of medicine for millions of people around the world.



About MCPHS



The Massachusetts College of Pharmacy and Health Sciences (MCPHS) provides an academic environment to guide and support Fellows toward a successful career in the biopharmaceutical industry.

As a private institution with a history of specialization in health sciences, MCPHS offers programs that embody scholarship, professional service, and community outreach.

Through MCPHS, the Fellow will have the opportunity to gain teaching and research experience in an academic setting. MCPHS faculty and company Program Leaders mentor Fellows according to scholarly and professional interests throughout the 2-year program.

MCPHS Fellowship Team



Ameer Mistry, PharmD, RPh

Biopharmaceutical Industry Fellowship Director and Professor of Pharmacy Practice
Massachusetts College of Pharmacy and Health Sciences

Dr. Ameer Mistry is Professor of Pharmacy Practice and has been with MCPHS since 2006. Dr. Mistry earned her PharmD at the Albany College of Pharmacy and completed a PGY1 Community Based Residency with Walgreens and MCPHS. In 2015, Dr. Mistry stepped into the role as Director of the MCPHS Biopharmaceutical Industry Fellowship Program. She works directly with leaders in the area to continue to foster growth and development of the post-graduate program, and to assist the fellows in attaining positions within the pharmaceutical industry.



Samantha Nganju, BA
Fellowship Program Manager,
MCPHS



Tara Miskell
Fellowship Administrative Assistant,
MCPHS

Letter from the Directors

Dear Candidates,

We would like to thank you for your interest in exploring our long-standing Sanofi/MCPHS Biopharmaceutical Industry Fellowship Program as you set out to write the next chapter in your professional career.

We have had the privilege of seeing this program grow to be the largest, most well-known, and well-respected fellowship program in the industry. Our post-doctoral PharmD fellowship has a diverse offering of program opportunities across different functions and therapeutic areas, a seasoned panel of Program Directors and Preceptors, a strong network of 48 Sanofi PharmD Fellows, and the support of a company that is committed to its people and the patients we serve.

Over the last decade, we have had the honor of mentoring and learning from an incredibly talented group of professionals, and we look forward to continuing the tradition. On behalf of Sanofi, we wish you much success, whichever path you may choose.

Sincerely,



Jill Ilsley, PhD
Co-Director, Sanofi Specialty Care PharmD Fellowship Program
Senior Director, Head of Global Scientific Communications, Immunology



Michael E. Tonn, PharmD, BCPS
Co-Director, Sanofi Specialty Care PharmD Fellowship Program
Director of Field Operations and Strategic Projects, Medical Value & Outcomes

Letter from the Co-Chief Fellows

Dear Candidates,

Thank you for considering the Sanofi/MCPHS Biopharmaceutical Industry Fellowship program as the next step in your professional journey. Our program, strategically located in the heart of the biotech industry, strives to provide fellows with immersive experiences at a leading industry company through a wealth of mentorship, leadership, and academic opportunities.

With over 27 fellowship positions across 18 programs, our fellows are well supported by a large, yet cohesive network of industry professionals who operate at the frontiers of science and medicine. From opportunities to connect with current professionals and leaders, to participating in key decision and handling strategic initiatives, Sanofi/MCPHS fellows are challenged and supported every step of the way as they develop into future leaders of the industry.

As chief fellows, we have the privilege of representing 48 Sanofi/MCPHS fellows. We work closely with our fellows and program leadership -- Jill Ilsley and Michael Tonn -- to voice the interests of our fellows while continuing to offer mentorship opportunities and hands-on experiences across various functional and therapeutic areas. We are also incredibly fortunate to work closely with our three fellow-led committees that continue to achieve annual milestones for our program and support our fellows with resources that drive them towards success.

To our current fellows, program leads and preceptors: we thank you for your continued commitment to the fellowship program and recruitment process.

To our candidates and future leaders of the industry: we wish you the best as you navigate the fellowship recruitment process and find the right program for your career.



Vijay Anand, PharmD
Co-Chief Fellow 2023-2024
Global Scientific/Medical Communications: Oncology



Shani Patel, PharmD
Co-Chief Fellow 2023-2024
US Medical Value & Outcomes



Focus Areas

Over the years, Sanofi Specialty Care has focused on several medical areas, while remaining unified by a few key principles: addressing unmet medical needs, exploring innovative technologies and treatment approaches, and improving the lives of patients worldwide.



RARE DISEASES

Lysosomal storage disorders (LSDs)—a group of rare genetic conditions caused by enzyme deficiencies—are a cornerstone of our business, and the medical area for which we are most well-known.

NEUROLOGY

With 18 years' commitment in multiple sclerosis (MS), we have relentlessly worked to improve the lives of the 2.3 million people worldwide living with this serious, life-long neuro-degenerative disease. Since the launch of our portfolio in 2012, we have rapidly emerged as a leader in MS, bringing two therapies to patients in more than 80 countries worldwide.



ONCOLOGY

We're building on a rich legacy in oncology. With a strong pipeline and renewed commitment to advancing transformative therapies, we aim to improve outcomes and impact the lives of people living with many different types of cancer. Our oncology strategy focuses on high-quality assets across skin, blood, breast, and lung cancers.

RARE BLOOD DISORDERS

Hemophilia, a rare genetic blood disorder that impairs the ability of blood to clot, is the cornerstone of the Rare Blood Disorders franchise. Our extended half-life factor replacement therapies for people with hemophilia A and B were launched in 2014, becoming the first innovations in hemophilia management in 20 years. We launched the first approved treatment for acquired thrombotic thrombocytopenic purpura (aTTP), a rare, life-threatening, autoimmune-based blood disorder.



IMMUNOLOGY

Our portfolio includes a competitive biologic treatment approved for people with moderate-to-severe atopic dermatitis (the most common form of eczema). This medicine is also approved for people 12 years and older with moderate-to-severe atopic dermatitis, asthma, chronic rhinosinusitis with nasal polyps, and eosinophilic esophagitis. We are also studying it in a variety of other type 2 inflammatory diseases, including chronic obstructive pulmonary disease, dermatologic conditions, and more than a half dozen others.

Diversity and Inclusion

Better is out there. Better *medications*, better *outcomes*, better *science*.

But progress doesn't happen without people – people with different perspectives and from different backgrounds, in different locations, doing different roles, all united by one thing: a desire to make miracles.

At Sanofi, diversity, equity and inclusion (DEI) is **foundational to how we operate**. Our ambition is to reflect the diversity of our communities. That means increasing representation at all levels of our organization. We prioritize and embrace the benefits of DEI in our workforce so employees can grow, contribute to their fullest potential and unleash their best selves every day to **transform the practice of medicine**.

We depend on the diversity of experience and talent of our employees to be more innovative, effective and competitive. By maximizing the power of difference, we create a culture where employees feel engaged, empowered and included.

Science is for everyone. We're proud of our longstanding relationships with patient communities, and grateful to the many people who share their experiences and participate in research. We're determined to make our clinical trials **fully inclusive**, so our science reflects the **true diversity of human biology**.

We won't settle for anything less.



Global/US Commercial Strategy and Marketing Rare Diseases

Recruiting 2 Fellows

Program Goals

To achieve a thorough understanding of marketing and commercial strategies within the Rare Diseases Franchise. This unique program will be in support of Global commercial and brand strategy development during the first year, followed by tactical implementation and execution of these strategies in the United States during the second year. Upon completion of this program, Fellows will gain an understanding of competitive dynamics and customer needs. In addition, they will be well versed in product positioning and marketing content generation. The experience will enable Fellows to embark on a career within the pharmaceutical industry in product management, commercialization, and market development.

Primary Objectives

- Support the cross-functional core team in the development and implementation of Global and US brand strategy.
- Develop and refine product value messaging and disease state awareness materials for HCPs and patients.
- Increase brand and disease state awareness at key congresses.
- Design and develop digital and omnichannel strategies.
- Manage agency partners to produce strategic materials on schedule and within budget.
- Identify data gaps and develop appropriate solutions via the coordination of market research activities.
- Compile and disseminate competitive intelligence insights across the global, regional, and country brand teams.
- Gain insight into the integral and strategic roles of various functions within the Rare Diseases Business Unit throughout the lifecycle of a product.

Gain experience with

- New Product Planning
- Digital Marketing
- Market Research
- Competitive Intelligence
- Franchise Marketing Operations
- Public Affairs & Patient Advocacy
- Humanitarian Programs

Program Leads

Raghu Vishwanath,
BSc, MSc, MBA

Edith Windsor,
PharmD, MBA

First-Year Fellows



Amanda Idusuyi, PharmD
University of Connecticut



Leah Blocker, PharmD, MBA
St. Louis College of Pharmacy

Second-Year Fellow



Jamie Kasiewicz, PharmD
University of Connecticut

Global/US Commercial Strategy Oncology

Recruiting 2 Fellows

Program Goals

To develop a leadership pipeline of top PharmD talent in the commercial function. The program provides in-depth training through robust rotational experiences across our U.S. and Global Specialty Care Business Units, featuring the potential to support launch execution within the Oncology franchise. Rotations are strategic, challenging, and meaningful, providing the opportunity to make an impact in the lives of cancer patients around the globe. This fellowship launches your career to the next level by integrating the fellow as a core contributor both in a brand team and across the portfolio.

Primary Objectives

- Assist the cross-functional core team in the development of Global and US brand strategy and support its implementation.
- Manage agency of record and third-party vendors to develop and execute omni-channel promotional tactics in alignment with global and local brand strategy.
- Contribute to the annual brand operational planning process by shaping the tactical plan and associated financial elements required to activate brand strategic imperatives.
- Support domestic and international congress planning initiatives to enhance brand- and Sanofi-wide presence at major oncology congresses.
- Collaborate cross-functionally to cultivate relationships with prioritized stakeholders by planning advisory boards, speaker programs, and other engagement activities.
- Monitor emerging scientific evidence and leverage clinical expertise to provide meaningful insights to marketing teams and effectively target key audience segments.
- Propose solutions to optimize marketing leadership based on defined KPIs and metrics analysis of personal, non-personal, and peer-to-peer promotional tactics.
- Support market research and insights activities to identify behavioral trends and impact key strategic decisions.

Core Focus

- Global Marketing
- Global Franchise Strategy, New Product Planning & Operations
- US Marketing
- US Market Access

Elective Rotations

- Market Research
- Competitive Intelligence
- Forecasting & Analytics
- Sales/Field Training

Program Leads

Wendy Cheung, PharmD

First-Year Fellows



Daniel Adeniji, PharmD
Purdue University



Joshua Okyere, PharmD
University of Findlay

Second-Year Fellow



Joshua Liu, PharmD
Keck Graduate Institute

Global Scientific/Medical Communications Rare Diseases

Recruiting 2 Fellows

Program Goals

To gain a thorough understanding of Global Medical Affairs, Publications, and Medical Communications while working cross-functionally as an integral member of the Global Medical Rare Diseases team.

Primary Objectives

- Collaborate with Scientific Communication Leads, Medical Directors, and cross-functional team members to develop medical content in line with the Global Medical Affairs Plan.
- Serve as a core member of the Medical team to ensure that activities and initiatives are aligned with those of the cross-functional partners in a way that achieves collective goals.
- Attend medical/scientific meetings to analyze and report information that will help shape our Medical plans and cross-functional initiatives.
- Work collaboratively with key external clinical trial investigators, key opinion leaders and healthcare professionals to drive the strategy for data dissemination across product lifecycles, in alignment with Medical and Scientific Communications objectives.

Core Focus

- Medical Communications and Publications
- Medical Education
- Medical Digital Initiatives
- Strategic Planning & Operations

Elective Rotations

- Medical Science Liaison
- Scientific Affairs
- Medical Evidence Generation
- Medical Scientific Advocacy
- Others

Program Leads

Carmen Garcia-Curiel,
PhD

First-Year Fellows



Arya Firoozan, PharmD
Saint John's University



Hannah Lewis, PharmD
University of Colorado

Second-Year Fellow



Holly Wong, PharmD
Northeastern University

Global Scientific/Medical Communications Oncology

Recruiting 1 Fellow

Program Goals

Understand the critical role that Scientific Communications plays within Medical Affairs and the broader Global product team at a leading international pharmaceutical company through hands-on experience, dedicated mentorship, and project ownership.

Primary Objectives

- Develop and execute on medical communications and strategic publication plans, collaborating with key internal and external stakeholders and agency partners in accordance with Good Publication Practices, company policies, and International Committee of Medical Journal Editors (ICMJE) guidelines.
- Serve as a core member of the Medical team and assist with the development and approval of integrated medical plans, scientific communications, and medical education programs.
- Work cross-functionally to ensure that activities and initiatives are strategically aligned and maintain the highest standards of compliance in accordance with corporate policies and all regulations.
- Understand the integral and strategic roles of various functional groups within Oncology and across Sanofi through a product's lifecycle.
- Identify, establish, and maintain collaborative relationships within the industry.

Core Focus

- Strategic Medical Communications Development
- Publication Planning & Execution
- Cross-functional Collaboration

Elective Rotations

- Medical Director
- Commercial/Marketing
- Field-based Medical (eg, medical science liaison)
- Competitive Intelligence
- Clinical Study Operations
- Market Access
- Public Affairs

Program Leads

Teri Michelini, PharmD

First-Year Fellow



Daniel Do, PharmD
University of Illinois at Chicago

Second-Year Fellow



Vijay Anand, PharmD
Rutgers,
The State University of New Jersey

Global Scientific/Medical Communications Immunology

Recruiting 2 Fellows

Program Goals

To gain an appreciation and understanding of the role of Global Scientific/Medical Communications team within a leading BioPharma business, through broad hands-on experiences, dedicated mentorship, and longitudinal core responsibilities.

Primary Objectives

- Serve as a core member of the Global Scientific Communications with Global Medical Affairs and assist with the development and approval of integrated medical plans, scientific communications, and medical education programs.
- Support medical launch readiness, data dissemination, and education across multiple disease areas (respiratory, dermatology, gastroenterology, and allergic diseases)
- Participate in strategic publication planning and development, collaborating with key internal and external stakeholders and agencies, in accordance with policies and industry guidelines.
- Work cross-functionally to ensure that activities and initiatives are strategically aligned and maintain the highest standards of compliance in accordance with corporate policies and all regulations.
- Understand the integral and strategic roles of various functional groups within Immunology and across Sanofi through a product's lifecycle.
- Identify, establish, and maintain collaborative relationships within the industry.

Core Focus

- Medical/Scientific Communications
- Strategic Publication Planning
- Medical Education
- Multichannel Digital Strategy

Elective Rotations

- Medical Operations
- Competitive Intelligence
- Field Medical Training
- Medical Science Liaison
- Others

Program Leads

Jill Ilsley,
PhD

First-Year Fellows



Karli Kaye, PharmD
Northeastern University



Helen Kim, PharmD
University of North Carolina

Second-Year Fellows



Subanky Sivagnanalingam, PharmD
University of Pittsburgh



Katia Nguyen, PharmD
University of Kentucky

Global Scientific/Medical Communications Neurology

Recruiting 2 Fellows

Program Goals

To gain an understanding of the role of Medical Communications, Publications and Training within the Global Medical Multiple Sclerosis and Neuroscience team, through broad hands-on experiences, dedicated mentorship and longitudinal core responsibilities that will prepare the Fellow for a career in the pharmaceutical industry.

Primary Objectives

- Become an integral member of congress planning teams to develop materials and publications supporting key neurology and multiple sclerosis medical congresses such as the American Academy of Neurology (AAN), Consortium of Multiple Sclerosis Centers (CMSC), European Academy of Neurology (EAN), Peripheral Nerve Society (PNS), and European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS).
- Contribute to the execution of the strategic medical communication tactics including scientific platform, interactive digital materials (brochures, animation videos, publication digital enhancements, internal/external websites and platforms, etc), and training resources.
- Execute strategic publication plans in accordance with policies and International Committee of Medical Journal Editors (ICMJE) guidelines, collaborating with key internal and external stakeholders and agency partners.
- Develop skills in data generation and dissemination that facilitate medical communications and publications.
- Participate in new hire MSL training curriculum to build verbalization skills and scientific acumen necessary for direct scientific exchange with healthcare providers (Sanofi MSL certification opportunity).

Core Focus

- Medical Communications
- Scientific Publications
- Medical Director Collaboration
- Medical Strategy
- Congress Planning & Execution
- MSL Certification

Elective Rotations (Year 2)

- Medical Director
- Medical Science Liaison
- Health Economics Value Assessments (HEVA)
- Medical Value & Outcomes
- Additional options based on interest

Program Leads

Svend Geertsen, PhD

First-Year Fellows



Madeline (Maddie) Kelley, PharmD
University of Florida College of Pharmacy



Christine Hwang, PharmD
Northeastern University

Second-Year Fellows



Congjian (Rebecca) Zhou, PharmD
Rutgers,
The State University of New Jersey



Renee Nguyen, PharmD
University of Texas at Austin

Global Scientific/Medical Communications Rare Blood Disorders

Recruiting 2 Fellows

Program Goals

To gain an appreciation and understanding of the role of the Global Scientific & Medical Communications team in Rare Blood Disorders, through broad hands-on experiences, dedicated mentorship, and longitudinal core responsibilities.

Primary Objectives

- Become an integral part of the Global Rare Blood Disorders team in developing and executing medical brand strategies and tactics within the framework of the business unit.
- Collaborate with key internal and external stakeholders and scientific communications agencies, providing writing, editorial, and/or project management support in accordance with policies and International Committee of Medical Journal Editors (ICMJE) guidelines.
- Contribute to the execution of the strategic medical communication tactics including scientific education and training materials, interactive digital materials, and resources to support the field medical team.
- Understand the integral and strategic roles of various functional groups within Rare Blood Disorders and across Sanofi Genzyme through a drug's lifecycle.
- Collaborate with scientific communication leads on development, strategic alignment, and execution of Rare Blood Disorders congress strategies.

Core Focus

- Medical Communications
- Publications
- Congress & Training
- Medical Affairs

Elective Rotations

- Market Access
- Commercial/Marketing
- Medical Science Liaison
- Real World Evidence
- Health Economics & Value Assessment (HEVA)

Program Leads

Chijioke Okafor,
PharmD, MBA

First-Year Fellows



Emma Jochem, PharmD
University of Pittsburgh



Morenike Ogunnaike, PharmD
Florida A&M University

Second-Year Fellows



Josef Wills, PharmD, RPh
Florida A&M University



Alicia Kim, PharmD, RPh
Northeastern University

Global/US Medical Oncology

Recruiting 2 Fellows

Program Goals

To develop skills as a trusted medical partner within a wider biopharmaceutical company in both office and field-based operations to enhance the understanding of the scientific and medical value of our oncology products. This will be achieved through personalized one on one mentoring.

Primary Objectives on Global Medical Team:

- Work directly with global medical directors to develop strategic plans based on medical insights
- Support team in external stakeholder engagement through congress initiatives, advisory board planning, and other tactics
- Lead medical education initiatives such as directed medical education projects to raise awareness for disease states and patients' unmet needs

Primary Objectives on US Medical Team:

- Prepare for the role of a field-based Medical Science Liaison (MSL) within US Oncology by participating in new MSL training and completing MSL certification
- Gather medical insights from external stakeholder interactions, contribute to the analysis of collected insights, and provide appropriate actionable recommendations to align with the medical plan
- Support the overall operational function of a medical department by participating in process improvement initiatives, competitive intelligence reporting, and clinical trial recruitment efforts

Program Leads

Helena O'Beirne, MA, PhD

First-Year Fellows



Alex Nero, PharmD
Albany College of Pharmacy
and Health Sciences



Nima Vahadji, PharmD
Massachusetts College of
Pharmacy and Health Sciences

Second-Year Fellow



Nadine Elbetanony, PharmD
University of Rhode Island

US Medical/Medical Director Multiple Sclerosis and Neurology

Recruiting 1 Fellow

Program Goals

Gain an understanding of US Medical Directors' role within the Multiple Sclerosis and Neurology business unit by fully integrating as an essential member of the North American Medical organization. Additionally, develop a well-rounded biotechnology professional with broad understanding of Medical Affairs by rotating with Field Medical, Medical Communications and Publications, and Medical Value & Outcomes.

Primary Objectives

- Become an integral part of the Multiple Sclerosis and Neurology Medical Director team by driving development and execution of medical brand strategies and tactics within the framework of the business unit.
- Work closely with Headquarters Medical and the Medical team to communicate up-to-date scientific/medical information and attend scientific/medical congresses to better understand the Medical role at these events.
- Interact with Key Opinion Leaders (KOLs) through field rides and other activities to develop a comprehensive understanding of the role and needs of Field Medical.
- Collaborate with key internal and external stakeholders and scientific communications agencies to develop scientific and medical materials used throughout the Medical and the Multiple Sclerosis & Neurology Business Unit, such as training materials and other projects.
- Participate in New Hire Training curriculum and complete MSL certification for multiple neurological disease states, marketed products, and emerging pipeline products.

Core Focus

- Headquarters US Medical Director
- Medical Science Liaison
- Medical Publications/Communications
- Medical Value & Outcomes

Elective Rotations

- Commercial/Marketing
- Market Access
- Pharmacovigilance
- Clinical Development
- Patient Advocacy

Program Leads

Alex Lublin,
PhD

Meghan K. Hickey,
MB BCh BAO

First-Year Fellow



Celeste Chung, PharmD
University of Maryland

Second-Year Fellow



Leah Valdes, PharmD
University of Florida

US Medical/Medical Science Liaison Multiple Sclerosis and Neurology

Recruiting 1 Fellow

Program Goals

The Multiple Sclerosis and Neurology Medical Science Liaison Fellow will fully integrate into the Field Medical Team in this fellowship experience. Our goals focus on development of the knowledge, skills, and behaviors required for success and career readiness in the MSL role. Fellows will focus on mastery of neurology medical evidence and therapeutics, development of effective scientific communication skills, and understanding and collaboration with all key function within Medical Affairs and the MS Neurology Business Unit.

Primary Objectives

- Participate in the New Hire Training curriculum and complete MSL certification in Multiple Sclerosis and the Neurology Pipeline (BTK inhibition in MS and Myasthenia Gravis, ALS and CIDP).
- Participate with various medical teams to shape medical strategy and development of core medical materials and field tactics.
- Work in the field, with a Medical Science Liaison mentor to gain skills in effective communication of scientific data, application of medical strategy, and development of scientific partnerships with practitioners in Multiple Sclerosis, Myasthenia Gravis, ALS and CIDP.
- Own and fully execute strategic projects such as congress planning and well-defined work team projects.
- Collaborate directly with the Medical Managed Care and US Payer Organization.
- Engage in professional development opportunities related to MSL core competencies.

Core Focus

In-Field Work

- Intensive MSL Mentorship
- KOL Engagements
- Medical Managed Care Experience

In-House Rotations

- Medical Directors Rotation
- Scientific Communications and Engagements
- Medical Information Services

Elective Rotations

- Neurology Franchise & Competitors
- Marketing/Commercial Operations
- Pharmacovigilance & Drug Safety

Program Leads

Dorothy Houston,
PharmD

Jennifer Cardone,
PharmD

Vishal Patel,
PharmD

First-Year Fellow



Julian Garcia, PharmD
University of North Carolina
at Chapel Hill

Second-Year Fellow



James Eggleston, PharmD
University of Florida

US Medical/Medical Science Liaison Rare Diseases

Recruiting 1 Fellow

Program Goals

The US Rare Medical Science Liaison fellow will become a therapeutic expert in rare, genetic conditions and will disseminate clinical and scientific information in a compliant and fair-balanced manner to internal and external colleagues. Fellows will collaborate cross-functionally leading high-impact projects to drive the overall medical strategy. This fellowship will prepare the candidates for a field-based Medical Science Liaison (MSL) position.

Primary Objectives

- Prepare for the role of a field-based Medical Science Liaison within US Rare Disease Medical Affairs by participating in new MSL training and completing MSL certification.
- Collaborate with Medical Directors and Medical Science Liaisons, and lead Medical Affairs projects, including creation of internal and external deliverables, congress planning, and managing Medical Affairs Journal Club.
- Attend medical and scientific meetings and congresses to ensure an in-depth understanding of cutting-edge information that will help shape the Medical Affairs strategy.
- Lead disease state and treatment training sessions for internal commercial colleagues.
- Establish collaborative relationships with internal colleagues in various departments within Sanofi, as well as external colleagues.

Core Focus

- US Rare Medical Science Liaison Team

Elective Rotations

- Medical Communications
- Market Access
- Research and Development
- Competitive Intelligence

Program Leads

Helen Travers,
MS, CGC

First-Year Fellow



Hunter Gomes, PharmD
University of Rhode Island

Second-Year Fellow



Alexa Kareco, PharmD, RPh
Northeastern University

US Medical/Medical Science Liaison Immunology

Recruiting 2 Fellow

Program Goals

Prepare for the role of a field-based Medical Science Liaison (MSL) within a Medical team by completing MSL certification. Establish a collaborative relationship with Field Medical teams while supporting planned field activities. Support coverage and presentations at medical and scientific meetings to ensure an in-depth understanding of cutting-edge information that will help shape the Medical strategy. Lead projects within US Medical, including creation of deliverables and internal resources for teams.

Primary Objectives:

- To garner a strong understanding of the various roles within immunology functional areas, including, but not limited to, U.S./Global Medical, U.S./Global Commercial, Global Scientific Communications, Global Clinical Studies Unit, Medical Managed Care, and Global Medical Information. Along with, identifying potential areas of further growth and development across the organization.
- To become a content expert on the clinical and scientific data around approved indications and potential future indications.
- To strengthen the collaborative relationships with the Field and Headquarters Medical teams.
- To cultivate professional relationships cross-functionally and identify at least one project to lead within a functional area different than Medical/Field Medical.
- To gain hands-on experience as a Field Based Medical contributor to facilitate a seamless transition to an FTE Field Based Medical role.

Program Leads

Daniel Hong,
PharmD

First-Year Fellow



Abigail McCabe, PharmD
Wilkes University

Second-Year Fellow



Jake Kirkpatrick, PharmD, MBA
University of Kentucky

US Medical Rare Blood Disorders (NEW)

Recruiting 1 Fellow

Program Goals

The US Rare Blood Disorders (RBD) Medical Fellowship program is designed to give you a well-rounded experience of US Medical Affairs by fully integrating as a member of our RBD Medical team. The core focus is gaining experience and exposure to the various roles in US Medical (Medical Director, Operations, Field Roles) and develop necessary skills and behaviors to be a successful Medical Affairs Professional (in-house and field). RBD is preparing for key product launches in 2024 and 2025, so this position will gain unique launch experience from multiple aspects. The fellowship will be divided into 4 parts- 1. Medical Director Responsibilities, 2. Medical Operations, 3. Field Medical, 4. Flex

Primary Objectives

- Under the mentorship of a US Medical Director, gain understanding in what the role of the Medical Director encompasses- strategic planning, subject matter expertise, cross-functional partnership, execution of strategic (ad boards, training, content development, etc.)
- Working with the Operations Director (in-house and field) to gain understanding of skills needed to ensure the US Medical organization operates effectively- budget, tracking of activities, field material, metric tracking, and congress planning
- Working with a MSL mentors in the field to gain skills in effective communication of scientific data, application of medical strategy, and engagement with external stakeholders in 1:1 and group settings.

Core Focus

Year 1 (Headquarters Medical Director/Operations)

1. Support development medical objectives and strategies for therapeutic areas in RBD
2. Support the development of key resources and execution of advisory boards
3. Mastery of Medical Affairs systems & processes including budgets, CRM, and Medical Reviews
4. Understanding and implementation of key impact measurements for Senior Leadership

Year 2 (Medical Science Liaison)

1. Training and certification in Rare Hematology or Hemophilia
2. Development of training and new resources
3. Support clinical insights gathering and analysis
4. Congress planning and coverage

Program Leads

Peter Chen,
MS, CGC

US Medical Value & Outcomes

Recruiting 1 Fellow

Program Goals

To gain advanced experience in field medical interactions with US payers and other healthcare delivery models, including regional and national payers, PBMs, ACOs/IDNs, Medicare, Medicaid, and specialty pharmacies. This experience will provide exposure to numerous medical and commercial functions within Sanofi Specialty Care and prepare the candidate for a field-based Medical Value & Outcomes/Outcome Liaison role.

Primary Objectives

- Collaborate between the US Medical Value & Outcomes position (focused in Neurology, Oncology, Immunology, and Rare Blood Disorders) and internal stakeholders (Medical Affairs, Market Access, Real World Evidence, and Health Economics & Value Assessment (HEVA)), gaining a balanced, yet extensive amount of exposure to our field medical areas.
- Work closely with the Medical Value & Outcomes team to provide medical education and health outcomes solutions to healthcare decision-makers.
- Support the Medical Value & Outcomes team in developing resources/tools for customer engagements and provide insights to internal medical teams on evidence gaps relevant to specific accounts.
- Work with the Medical Value & Outcomes and HEVA teams to identify and support HEVA strategies and projects with payers and research organizations.
- Gain an understanding of the various payer models and translate clinical and health economics data to deliver targeted value propositions to specific customers.

Core Focus

- Medical Value & Outcomes
- Health Economics & Value Assessment (HEVA)
- Medical Science Liaison
- Population Health Management
- Value & Access (Commercial)

Elective Rotations

- Medical Global Scientific Communications
- Competitive Intelligence
- Health Care Policy
- New Product Development Marketing

Program Leads

Michael Tonn,
PharmD, BCPS

First-Year Fellow



Jake Murawski, PharmD
University of Pittsburgh
School of Pharmacy

Second-Year Fellow



Shani Patel, PharmD
University of Illinois at Chicago

Global Regulatory Affairs

Recruiting 2 Fellows

Program Goals

This fellowship is focused on providing the fellow with the necessary skills and tools to become a knowledgeable, confident, and strategic Regulatory Affairs professional. The Fellow will gain hands-on experience across a variety of areas within the Global Regulatory Affairs department, developing a well-rounded understanding of the regulatory functions and drug development process from early stage to post-marketing.

Primary Objectives

- Develop regulatory strategic skills while contributing to global pre- and post-approval planning and submissions potentially including: Briefing documents, Health Authority interactions, IND submission, BLA/NDA applications.
- Lead team meetings, develop regulatory strategy, and contribute to and lead Health Authority submissions with increasing responsibility throughout the Fellowship program.
- Partner with contributing functions within Sanofi to deliver products for diseases globally.
- Experience various facets of global Regulatory Affairs to better understand the roles of regulatory professionals. Engage with global colleagues and learn country/region-specific regulatory processes.
- Develop skills such as strategic and analytical thinking, effective communication, business acumen and partnering/ collaboration.

Core Focus & Elective Experiential Opportunities

Become an integrated part of the GRA team through involvement in cross-functional projects with global colleagues.

The Fellow will gain experience in areas of GRA such as:

- Global Regulatory Product Strategy
- Advertising and Promotion
- Global Labeling
- Regulatory CMC & Devices
- Regulatory Digital/Innovation
- Regulatory Science and Policy
- Others

Program Leads

Marilyn Kiral,
PharmD, PhD

First-Year Fellows



Eric Kelly, PharmD
Binghamton University



Mariam Amer, PharmD
MCPHS - Boston

Second-Year Fellows



Madison Burns, PharmD
University of Connecticut



Baily Thomas, PharmD
Northeastern University

Global Regulatory Affairs Chemistry, Manufacturing and Controls & Devices

Recruiting 1 Fellow

Program Goals

This fellowship is focused on providing the fellow with the necessary skills and tools to become a knowledgeable, confident, and strategic Regulatory Affairs professional. Specifically, the Fellow will gain a thorough understanding of the regulatory functions of the Global Regulatory Affairs Chemistry, Manufacturing, and Controls (GRA CMC) department and build a strong foundation in the development process from early stage to post-marketing with a focus in Biologics CMC. In this role, the Fellow will develop the knowledge and experience to assist the team in effectively and efficiently achieving and maintaining regulatory approvals, with the end goal of delivering consistently safe, effective, and high-quality pharmaceutical products to consumers.

Primary Objectives

- Develop regulatory strategic skills while contributing to global pre- and post-approval planning and submissions potentially including: Briefing documents, Health Authority interactions, IND/CTA submissions, BLA/NDA/MAA applications.
- Focus on biologic products in various therapeutic areas which include but are not limited to rare diseases (many of which are orphan drugs), hematology, immunology, multiple sclerosis, oncology, and diabetes.
- Lead team meetings, develop regulatory strategy, and contribute to and lead Health Authority submissions with increasing responsibility throughout the Fellowship program.
- Gain exposure to the entire manufacturing process from development through post-marketing
- Partner with contributing functions within Sanofi to deliver products for diseases globally
- Gain an understanding of country-specific regulations by partnering and engaging with our affiliates worldwide
- Opportunity to tailor the program to your unique interests and professional development needs

Core Focus & Elective Experiential Opportunities

Become an integrated part of the GRA team through involvement in cross-functional projects with global colleagues.

The Fellow will gain experience in areas of GRA such as:

- Regulatory CMC Biologics
- Regulatory CMC Small Molecules
- Regulatory CMC Devices
- Regulatory CMC Vaccines
- Global Regulatory Product Strategy
- Others

Program Leads

Maria O'Connell,
MLIS, MS

Location: Framingham, MA

Second-Year Fellow



Danielle Harper, PharmD
Purdue University

Global Regulatory Affairs

Clinical Documentation/Medical Writing

Not Recruiting for 2024

Program Goals

The Clinical Documentation/Medical Writing Fellowship Program is designed to provide PharmDs an opportunity to gain training in writing and managing high quality clinical regulatory documents across different therapeutic areas.

Primary Objectives

- Produce high quality, scientifically accurate clinical regulatory documents for submission to health authorities. Documents include protocols, investigator brochures, and clinical study reports.
- Work effectively with different functional areas and develop project management skills to ensure that projects are delivered per time and quality goals.
- Develop a working knowledge of internal SOPs and guidelines by the regulatory health authorities.

Program Leads

Steven Musuras,
BS, DC

Ida Bixho,
PharmD

First-Year Fellow



Mei Baek, PharmD
University of Pittsburgh

Patient Safety and Pharmacovigilance

Recruiting 1 Fellow

Program Goals

The pharmaceutical industry is responsible for monitoring, assessing, and communicating safety information throughout a product's lifecycle. At Sanofi, the Patient Safety and Pharmacovigilance Department is responsible for these activities. The aim of pharmacovigilance is to enhance patient care and safety in relation to the use of pharmaceutical products by ensuring a favorable benefit-risk profile. Pharmacovigilance is a thriving field within the pharmaceutical industry. As regulations continue to expand, the need for knowledgeable and qualified personnel increases.

Primary Objectives

- Understand the mission of a pharmacovigilance department and the role of Patient Safety and Pharmacovigilance in clinical development and product lifecycle management.
- Become knowledgeable in current pharmacovigilance regulations and guidelines, including those in the US and Europe.
- Develop the ability to think strategically with a global pharmacovigilance and regulatory perspective.
- Enhance the ability to critically evaluate, interpret, synthesize, and present safety data in a clear and concise manner through written and verbal communication.
- Expand medical knowledge of products within various therapeutic areas (e.g. Rare Diseases, Multiple Sclerosis, Immunology, Vaccines, and Oncology).

Program Leads

Puja Patel,
PharmD, RPh

First-Year Fellow



Andrew Capozzi, PharmD, RPh
The Ohio State University

Second-Year Fellow



Saadi Aalem, PharmD
MCPHS - Worcester

US Public Affairs and Patient Advocacy

Recruiting 1 Fellow

Program Goals

To provide the US Public Affairs and Patient Advocacy (US PA&PA) fellow with necessary hands-on experience, knowledge, and skills to make a positive impact on patient health outcomes.

The US PA&PA team partners with US patient advocacy groups and professional societies to champion issues critical to patients. Coordinating the company's approach with external advocates requires active engagement and extensive collaboration with various internal, cross-functional teams across all parts of the company.

As an active member of the healthcare ecosystem, Sanofi is dedicated to the needs of patients and finding collaborative solutions. Our goal is to be a partner who listens, acts, and leads to improve patient health, accelerate medical innovation, and facilitate access to medicines and vaccines. US PA&PA bridges the insights, knowledge, and resources of both the external advocacy community and within Sanofi to support advocacy initiatives that matter most to patients.

Primary Objectives

During this two-year program, the fellow will:

- Build and maintain external advocacy relationships by liaising with US patient groups, medical and professional societies, health foundations, and other stakeholders in the advocacy community to inform internal decision-making and patient-centric initiatives
- Enhance their understanding of the US healthcare system through leadership on cross-functional projects that aim to develop timely, evidence-based, patient-centric solutions
- Develop and enhance critical skills while working with colleagues across Corporate Affairs, R&D, medical, and commercial teams to manage partnerships and projects in a global, diversified healthcare solutions company
- Strategically network and build meaningful relationships with internal leadership and external advocacy leaders across the healthcare ecosystem

Program Leads

Eric Racine,
PharmD, MBA

Second-Year Fellow



Cassandra Goodman, PharmD
Ohio Northern University

Core Focus

- Core experience will be within the Sanofi Specialty Care therapeutic areas (Rare Blood Disorders, Rare Diseases, Immunology, Neurology and Oncology). Additional opportunities to gain experience within Vaccines and the General Medicines (Type 1 Diabetes, Cardiometabolic and Transplant) therapeutic areas, if desired.

Elective Experiences

- Outside of their experiences in US Public Affairs & Patient Advocacy, the Fellow may also have rotational or project experience(s) in other areas of the company to further enhance their professional development, including Global Public Affairs, Reimbursement & Public Policy, Science Policy, Federal and State Government Relations, Communications and Corporate Social Responsibility, and Market Access.

Application and Recruitment Process

Eligibility

The MCPHS Biopharmaceutical Industry fellows will be selected on a nationally competitive basis. Applicants must have a Doctor of Pharmacy degree from an ACPE accredited college of pharmacy at the commencement of the program.

- Candidates must have strong written and verbal communication skills and a strong interest in pursuing a career within the biopharmaceutical industry.
- All candidates must have authorization to work in the United States throughout the duration of the one or two year fellowship. No visa sponsorship will be provided (i.e., TN, H-1B, STEM OPT, etc.).

Application Procedure

The MCPHS application portal (SMApply) will open on Monday October 2, 2023. Applicants must upload the following application materials to the HYPERLINK "<https://mcpchs.smapply.io>" [online portal](#) no later than **Friday, November 17th, 2023**:

- Letter of intent
- Curriculum vitae
- Unofficial college transcript
- Contact information for three references. References will receive an electronic recommendation form to complete separately.

Three recommendation evaluation forms must be submitted no later than **Monday, November 27st, 2023** via the online portal. This is NOT a letter of recommendation but an online form that the recommender will receive for completion from SMApply.

Rolling Application Review & Interviews

All submitted applications will be reviewed on a rolling basis. Interviews will also be offered on a rolling basis and opportunities are limited. Priority will be given to those applicants who apply early, well in advance of the deadline.

Rolling interviews will begin mid-October with pre-screens and a mixture of interview rounds, and will continue into December. Candidates will be notified if selected for an interview.



ASHP Midyear & Onsite Interviews

The fellowship program will be conducting **in-person interviews** at the ASHP Midyear Clinical Meeting in Anaheim, CA. Applicants are strongly encouraged to attend. Candidates attending in-person will not be able to interview without registering for both ASHP and PPS. Please refer to the ASHP & PPS website for registration details.

Top candidates may be invited for interviews at the sponsoring company's location.

Offer Dates

Recognizing that the choice of a Post-Doctoral Industry Fellowship is an important decision, MCPHS in conjunction with the Alliance of Industry Fellowship Associates (AIFA), has agreed to extend offers for Fellowships no earlier than **December 13, 2023**.

We see this respect for candidate choice as a common aspect of each of our Program's cultures. We hope that other academic and non-academic Fellowship Programs will respect this timeline to allow for best program fit for candidates.

Onboarding

Final candidates will be required to go through additional screening / onboarding as required by MCPHS.



Fellowship Testimonials



Dennis Liu
Class of 2021

"I chose my fellowship program because of the people - the preceptors and my 2nd year fellow. I cherished the relationship I'd quickly built with them, and the rest of the team was as supportive of my development. The fellowship gave me a unique opportunity to explore other functional areas I was interested in while also giving me the experience I needed in a niche role that most folks do not enter until later in their career. My fellowship was among the best years of my life."



Victoria Langas
Class of 2022

"Being a part of the fellowship program not only unlocked a multitude of opportunities within the pharmaceutical industry, but also helped me discover ways I could positively impact patients and the world around me. Whether it was working to bring life-saving products through the approval process, implementing innovative technologies to improve current business processes, or working alongside passionate individuals, I am proud and grateful to have been a graduate of the fellowship."

Rosemary Richardson
Class of 2019

"The Sanofi Fellowship Program provided me with the right balance of both structure and flexibility to achieve a well-rounded post-doc experience in the pharmaceutical industry. The program's structure allowed me to learn all of the necessary skills in one functional area, while its flexibility gave me the opportunity to gain experience in other related functional areas as well. Those diverse experiences laid a solid foundation for me to be a competitive candidate when applying for future roles in my career."



Abigail Nesbeth
Class of 2023

"The Sanofi Fellowship provided me with amazing mentors and professional development experiences. The team is extremely dedicated to your success and provided countless opportunities to learn and grow as an industry professional. I was able to lead and engage in meaningful projects and rotational experiences that allowed for a seamless transition into a full-time role."



Gina Boris
Class of 2021

"Without a doubt the MCPHS fellowship program set an upward trajectory for my career. During the fellowship I built key relationships, learned valuable lessons, and was exposed to many opportunities that put me on the path to success. This experience not only led me to full-time employment within a large pharmaceutical company, but also to a promotion just 2 years after starting my full-time position."



Rong (BeiBei) Ding
Class of 2022

"The Global/US commercial fellowship is the most robust of its kind, providing PharmDs with an interest in business and healthcare ample avenues to become a commercial leader in their chosen space."

Jennifer Cardone
Class of 2018

"My experience as a fellow with the Sanofi Neurology US MSL team provided me with strong mentorship, extensive field experience, and the opportunity to expand my understanding of the role field medical plays within the larger organization. My fellowship experience prepared me to move into an MSL role, has helped me adapt and become quickly established in several territories, and has informed my approach to cross-functional collaboration."



Allen Amedume
Class of 2023

"My fellowship journey played an instrumental role in accelerating my professional and personal development in the pharmaceutical industry. I gained relevant, hands-on experiences and an extensive network of remarkable colleagues that translated to a fruitful start to my career!"

